

From owner-qrp-1@netcom.com Fri Feb 24 17:11:42 1995
From: ddabay@ruacad.ac.runet.edu
Message-Id: <9502241401.AA27737@ruacad.ac.runet.edu>
Subject: 2200 pf capacitor, identify?
Date: Fri, 24 Feb 1995 09:01:29 -0500 (EST)

Have a project that I was short one 2200pf 10%cap.

A friend gave me one marked
220K
x5f
Is this correct for a 2200pf??

thanks

dave

--

Dave Dabay Race at Elk Creek Dragway!! Elk Creek, VA KD3PC
Radford University Network Services Internet: ddabay@ruacad.ac.runet.edu

From owner-qrp-1@netcom.com Fri Feb 24 18:21:38 1995
Message-Id: <m0ri7t5-0000AoC@juts.ccc.amdahl.com>
Date: Friday, 24 February 1995 13:40 PT
From: bruce.florip@amail.amdahl.com
Subject: 2200 pf capacitor, identify?

--

Dave Dabay Race at Elk Creek Dragway!! Elk Creek, VA KD3PC
Radford University Network Services Internet: ddabay@ruacad.ac.runet.edu
Dave asked:

Have a project that I was short one 2200pf 10%cap.

A friend gave me one marked

220K
x5f

Is this correct for a 2200pf?? I don't think so, here's what I think.
104k = .1 uF = 100000 pF Bruce
103k = .01 uF = 10000 pF
102k = .001 uF = 1000 pF
101k = .0001 uF = 100 pF
100k = .00001 uF = 10 pF
220k = .000022 uF = 22 pF

--

Dave Dabay Race at Elk Creek Dragway!! Elk Creek, VA KD3PC
Radford University Network Services Internet: ddabay@ruacad.ac.runet.edu

Bruce Florip AA7AR /6 Santa Clara, CA. USA baf00@amail.amdahl.com

From owner-qrp-l@netcom.com Fri Feb 24 17:03:15 1995
Subject: 30 meter contest - NOT
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.11933.500@acenet.com>
Date: Fri, 24 Feb 1995 07:28:00 -0500

>From: brian.carling@acenet.com

rgobrick@public.compusult.nf.ca (V01DRB) writes:

RJG>Contests are not encouraged (allowed?) on 30 meters. What I would encourag
RJG>is maybe a qrp-l 30 meter net. I am not sure if there are any restrictions
RJG>on having a net on 30 meters - I know the North West QRP club has (still
RJG>has?) a weekly net up on 10.123.

What time day is this net???

RJG>My suggestion was some sort of "fox" net with random checkins and scheduled
RJG>net managers rotated around the country.

Sounds GREAT!

RJG>The problem is what is a good time?
RJG>- 30 meters usually begins to fold in the evening, but maybe that will not
RJG>be a problem as we get more evening sunlight (yea - SPRING).

I suggest an afternoon time on Saturdays or Sundays, like maybe 3 or 4
p.m. EDT.

RJG>72 Bob V01DRB/WA6ERB

Good hearing from you Bob... 71.9999786 de AF4K (using Pentium-grin!)

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-l@netcom.com Fri Feb 24 17:37:27 1995
Date: Wed, 22 Feb 1995 10:09:00 -0500
From: "david (d.) burniston" <davidgb@bnr.ca>
Message-Id: <"390 Wed Feb 22 10:10:05 1995"@bnr.ca>
Subject: Re: 30 meter contest - NOT

Why not something similar to the 79'er being run on Thursday nights in

Feb. I'm finding this to be a real fun event and it lets ypu try out homebrew stuff with a reasonable chance of having someone around to hear you.

... Dave
VE3LFO

From owner-qrp-1@netcom.com Fri Feb 24 17:11:44 1995
Date: Thu, 23 Feb 1995 11:03:37 GMT
From: Goran Hosinsky <goran@royac.iac.es>
Message-Id: <9502231103.AA02103@royac4.royac.iac.es>
Subject: 30m tag playing

I like the idea of Duffey about playing tag on 30m. Especially as it would give an opening for us non-US hams to participate.
73 Goran EA8YU

From owner-qrp-1@netcom.com Fri Feb 24 17:43:47 1995
From: JGRIB@aol.com
Date: Thu, 23 Feb 1995 21:57:36 -0500
Message-Id: <950223215729_30673584@aol.com>
Subject: Boatanchor's list

Hi all,

Does anyone have the server address for Boat Anchors? Would appreciate any help.

72/73,

Joe KI3B

From owner-qrp-1@netcom.com Fri Feb 24 18:42:09 1995
From: CLATON.CADMUS@hamlink.hamlink.mn.org (CLATON CADMUS)
Date: Mon, 20 Feb 1995 08:30:40
Message-Id: <793272392.AA00537@hamlink.hamlink.mn.org>
Subject: CABINET LABELS]

For the last few projects, I've been printing the entire front panel out on my printer with the control markings and wording in the proper locations and using spray adhesive to glue it to the front panel. Then I cover the panel with a piece of clear matt pressure sensitive shelf "paper". (available at the hardware store) I use Autocad to do this, but it can be done in a wordprocessor as well.

Here's a tip that makes this work perfect every time. Design and printout the paper control panel first, including drilling and cutting locations. Glue it to the blank front panel with a light dusting of

adhesive and use it as a drilling and shaping guide. Use some alcohol or lacquer thinner to remove the "drill guide". Print out a fresh copy and apply. Much easier then trying to make the paper line up and fit an existing panel.

Hope this helps,
73 de KA0GKC Cla

* SLMR 2.1a * HAMFEST noun 1) The art of sneaking stuff in the house.

---NoSnail 1.12

From owner-qrp-1@netcom.com Fri Feb 24 17:26:38 1995
From: Byron8LCZ@aol.com
Date: Wed, 22 Feb 1995 17:11:39 -0500
Message-Id: <950222171137_29313723@aol.com>
Subject: Colorado QRP Winter QSO Party

I too, tried in vain to operate in the QRP contest, but the DX contest ran right over me. Its amazing how many 500 watt to 1000 watt signals were on the International QRP calling frequency. There outta be a law ! We need a restricted portion of the band for QRP CW just to survive.

I worked 10 QRP'ers including:

N7MFB BILL	WJ6Q BUD	N1IRZ DAVE
N0BF STEVE	VE2DRB BOB	KT3A CAM
W9CUN KEN	KC2EL DICK	N9JIY MIKE
WA9CML JIM		

At least three are Internet'ers, N7MFB, KT3A and VE2DRB.

Most of these were on 15m and 40m. Conditions were better than I had expected, I also worked GB5AR England, IR2W Italy, 9Y5VU Trinidad & Tobago Islands and PY20U Brazil just for fun.

I hope they move the date next year to avoid any other major activity on the bands.

Station: QRP Plus xcvr at 5 watts output, Gap Titan vertical at 12 ft, Oak Hills QRP watt meter.

72, Byron WA8LCZ

From owner-qrp-1@netcom.com Fri Feb 24 16:54:08 1995
Date: Thu, 23 Feb 1995 20:44:00 -0330 (NST)

From: Bob Gobrick VO1DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>
Subject: Re: Fellow lister in QST
Message-Id: <Pine.OSF.3.91.950223203752.15073A-100000@terra.nlnet.nf.ca>

qrp-l gang,

Just a little aside - Gary is a qrp-l participant and if you ever want to see some really beauuutiful homebrew stuff, including cabinets don't miss the "Gary Homebrewing Show-and-Tell" at the Dayton QRP hospitality suite. You will leave there with some many new building ideasyou will besides yourself ;-)

I haven't got my latest QST yet so can't wait.

Also just in case you may have also missed it the latest issue of CQ magazine has an nice qrp article by Rich K7YHA another qrp-l hanger-outer. It just seems like these qrp-l guys and gals are everywhere.

So who was it that volunteered to make some real pizzazy QRP-L name tags for the Dayton QRP hospitality suite. Please have your computer make me an official QRP-L nametag to go along with my callsign pin. I want to be part of the "in" crowd.

72 and thanks guys for the articles.

Bob Vo1DRB/WA6ERB

On Thu, 23 Feb 1995
penc@psuh02meteo.psu.edu wrote:

> Gang:
>
> If you received your March QST, there is a nice article by one of us in there
> about building your own equipment. The article is by Gary N2JGU, and features
> some pictures of some of the equipment he has built (QRP, of course!) over
> the past year or so. It has some good advice particularly for the newcomers
> out there who could use some helpful hints on how to build that first
> project and debug that equipment. Gary is especially handy with making
> quality professional cabinets, and I invite you to check it out.
>
> Congratulations to Gary, N2JGU on furthering our goals in the amateur
> community. Nice work!
>
> de WK2A
> Rich
>

Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca
rgobrick@public.compuserve.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Fri Feb 24 17:10:13 1995
Date: Thu, 23 Feb 1995 19:58:23 -0500
Message-Id: <199502240058.AA21831@yfn2.ysu.edu>
From: ah301@yfn.ysu.edu (Jerry Sy)
Subject: Re: Final CW Fox

>
>Week of: FOX Date Time(UCT) Freq
>
>Feb 26th N9UXU Mar 4 0300-0500Z 7.110-7.120 (both hrs)
>
>
bummer, my ohr spirit only covers 7.000-7.100

From owner-qrp-1@netcom.com Fri Feb 24 17:05:43 1995
Date: Fri, 24 Feb 1995 08:50:53 -0600
From: heacock@KUHUB.CC.UKANS.EDU (Doug Heacock)
Subject: FT301D diagnosis--need some help
Message-Id: <v01510100ab739f4ea0a9@[129.237.17.7]>

This isn't a QRP topic, but you folks are among the brightest people I know, so I'll ask for your help anyway (I'll understand if you tell me to take a hike to another group :-). Please reply via e-mail if you have any suggestions.

I'm trying to help a friend debug a problem in the power booster unit on a Yaesu FT-301D. The original power transistors (a pair of 2SC2100's) were working when the rig was acquired, but failed after a few weeks' use. Yaesu wanted \$150 for a pair of replacements, so an NTE equivalent (NTE318) was found a pair of them were installed (about \$30 each). The rig worked fine for a couple of weeks, but then the power transistors fried again. This time a shorted bypass cap was also located and replaced, and fresh

transistors installed.

The friend who was working on the rig did his testing into a dummy load, and things were working normally, but he decided at the last minute to attach an antenna to the tuner and try the rig out on the air. As soon as the transmitter is keyed, both the SWR meter and the RF power meter on the Yaesu tuner are pegged (>500W, according to the meter!), and after a few seconds, the overdrive protector circuitry shuts it all down.

When we were testing the rig last night, we noticed that we could run at least 100 watts into the dummy load with no problems, except that the SWR creeps up slightly over a period of several seconds. We tried different antenna tuners, we tried bypassing the rig's internal output filter circuitry and using a discrete output filter...no luck.

We did a lot of poking around and what-not, and were about to remove the power transistors and run some tests on them out of the circuit, but decided to pose a question to the net on the off-chance that this sounds familiar to someone.

Suggestions? Thanks in advance.

73 de aa0ms

--

Doug Heacock <heacock@ukans.edu> | Academic Computing Services
User Services Coordinator | The University of Kansas
Kansas Research and Education Network | Lawrence, KS 66045

From owner-qrp-1@netcom.com Fri Feb 24 17:17:36 1995
Date: Fri, 24 Feb 1995 07:53:54 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: ftp at netcom
Message-Id: <Pine.3.89.9502240702.A545317063-01000000@utkvx.utk.edu>

Have seen numerous listings on www and other sources for the ftp entry to netcom, but in numerous tries throughout the day (from before 8 AM to late evening), all attempts to access time out.

Is there a trick to getting in? Or is that ftp site just so overloaded that it is no longer a good place to store things that the storer actually wants users to access?

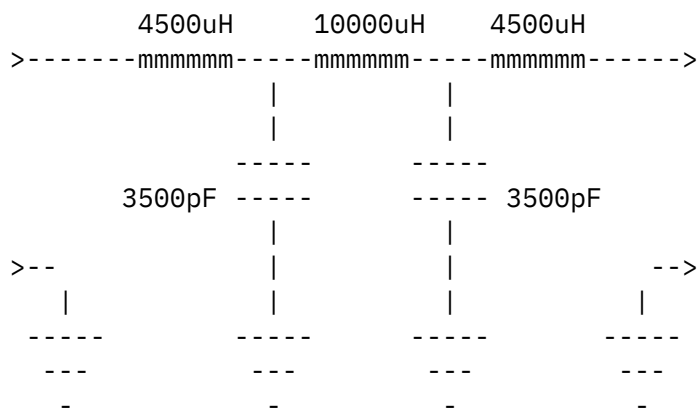
LB, W4RNL

From owner-qrp-1@netcom.com Fri Feb 24 16:59:44 1995
Date: Fri, 24 Feb 95 09:38:03 MST
From: miker@cc.com (Mike Robinson)
Message-Id: <9502241638.AA10941@cc.com >
Subject: Low Pass Filter

Hello Guru's

I'd like to build a Low Pass Filter. I've seen the commercial ones that attenuate 80db above 30MHz. That's what I'd like to build. The ARRL Handbook has tables and charts, but for what I want, I'm unable to decide exactly where to start.

Can someone just tell me what the values of the coils and caps should be. It appears that I want to build a 5 element T net. The inductors are something like 4500uH,10000uH,4500uH and the caps are 3500pF each.



What I need to know is which cores to get and what voltage capacity should the caps be. I operate mostly less than 50 watts and always less than 100 watts.

Even at QRP levels I cause TVI within my household. On 18MHz I can flutter any IR remote control devices in my house.

The ARRL Handbook is a myriad of fascinating information. But sometimes I just need the simple answer.

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=====
7.3 de Michael aa0ub | QRP: Am I getting out?
miker@cc.com         | My neighbors have stopped complaining.
=====

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From owner-qrp-1@netcom.com Fri Feb 24 18:40:33 1995
From: CLATON.CADMUS@hamlink.hamlink.mn.org (CLATON CADMUS)
Date: Mon, 20 Feb 1995 08:30:30
Message-Id: <793272391.AA00536@hamlink.hamlink.mn.org>
Subject: MEANDERING THOUGHTS ON TH

Nils, WB8IJN wrote in a very "Chris in the morning", (of KHBR on Northern Exposure), style about the impact of this medium. To this many of us probably have this reply.

He's slow, but when it clicks, it really clicks!

Just kidding, Nils.

73 de KA0GKC Claton

* SLMR 2.1a * HAMFEST noun 1) The art of sneaking stuff in the house.

---NoSnail 1.12

From owner-qrp-1@netcom.com Fri Feb 24 17:37:55 1995
Date: Fri, 24 Feb 1995 12:52:59 -0800 (PST)
From: Electronic Design Magazine <dmalinak@CLASS.ORG>
Subject: Need NorCal help
Message-Id: <Pine.SUN.3.91.950224124952.14485A-1000000@class.class.org>

I've tried posting this twice to no avail. Let me phrase the question another way.

Does anyone know who in NorCal is responsible for signing people up as members? Does anyone have an e-mail address for this person?

Now that they've raised the membership rate just a few days after I sent my \$5 to Jim Cates, I'm trying to find out if I need to send \$5 more or not.

Thanks in advance for any help anyone can provide.

73 David N2SMH
Glen Rock, NJ

From owner-qrp-1@netcom.com Fri Feb 24 17:25:41 1995
From: FOXG@WCSUB.CTSTATEU.EDU
Date: Fri, 24 Feb 1995 2:11:12 -0500 (EST)
Message-Id: <950224021112.2a00447f@WCSUB.CTSTATEU.EDU>

Subject: now that the fox has gone

I had a nice QSO today with WD8ACA on 30 meters. I told him I was running one watt and he said he'd try too. The QSO went fine at one watt and then we decided to go QRPp. 500mw, 100mw, 50mw and finally 20mw. He said he could hear me, but not strong enough to copy. So, looks like about 800 miles (Hamden, CT to Wisconsin) divided by .05 for about 16,000 miles/watt.

SO WHERE'S THIS GOING?

Well, with the fox hunt about over, maybe our next group project should be a "QRP Marathon". A contest where the largest mile/watt figure wins. The way I imagine it, the contest would run for a set, relatively long period (like a week or maybe month). Work as many stations as you can and then count the best 5 (or whatever number we agree upon). Add your miles/watt to get your total. QSOs can be established at the relatively QRO power of 5 watts. And since this isn't a contest as much as it's a test, maybe 30 meters would be ok.

What do you think?

73, Geoff WA1U

From owner-qrp-l@netcom.com Fri Feb 24 18:54:51 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Fri, 24 Feb 1995 12:48:15 CST
Subject: Portland-Seattle
Message-Id: <C6197206A7@iunhaw1.iun.indiana.edu>

Not sure if my earlier work got in so asking again, are there radio shops worth visiting in the Portland or Seattle area?

Thanks 72 & 73 de Tim WB9NLZ

From owner-qrp-l@netcom.com Fri Feb 24 16:57:34 1995
Date: Thu, 23 Feb 1995 20:50:46 -0330 (NST)
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>
Subject: Re: SSB FOX
Message-Id: <Pine.OSF.3.91.950223204437.15073B-100000@terra.nlnet.nf.ca>

Peter,

Are sure that was an RF burn and not a 117v tingler with your multiple ground system. Just was at a ham radio club meeting the other day and the main speaker was a guy from the power utility talking about grounding systems etc. He says the National Electric Code (and I imagine the NEC) say that you should only have ONE ground point in your home and that is

the ground rod/connection to your electrical meter box.

It seems that all these extra ham antenna grounds that we hams use are a no-no. And I can attest for the ground current problems when I live in Denver (poor soil). By grabbing a coax connector hooked to my tower/antenna grounding system and touching my other hand to my rig I notice a "tingling" feeling. Yes if I remember correctly it was about 60 volts of tingling that I felt.

So QRP or QRO any comments from the qrp peanut gallery? By the way I use counterpoise ground wires in the apartment and that "prevents" the double AC ground problem.

72 Bob V01DRB/WA6ERB

On Wed, 15 Feb 1995, PETER CALCANDY wrote:

> I didn't hear the fox. I did hear AB4EL at 0251Z on 3.782. I also heard
> W03B working the fox at 0301Z on 3.907. In between these two I heard
> the tuner uppers. I also discovered RF in my mike. With my hand touching
> the cabinet to my radio, my lip would get an RF burn when it touched the
> mike. The rig has a good ground (I better check). Any other ideas?
> Thanks alot
> Regards,
> Peter N2KPY
>
>

Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca
rgobrick@public.compuserve.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Fri Feb 24 17:21:35 1995
Date: Fri, 24 Feb 1995 06:46:08 -0800 (PST)
From: Electronic Design Magazine <dmalinak@CLASS.ORG>
Subject: Super OHR service
Message-Id: <Pine.SUN.3.91.950224063020.11275A-100000@class.class.org>

To all: For most of the inhabitants of QRP-L, this is a non-issue. Most of you seem to be A-1 kitbuilders and homebrewers who, in all likelihood, would be incapable of screwing up something as relatively simple as a 30-meter OHR Explorer.

Well, I am not so fortunate. I somehow screwed mine up royally and ended up with all SORTS of problems, like giant spurs out of band, a VFO that wouldn't cover the full band, and, last but not least, a blown output transistor suffered in the course of attempts at troubleshooting.

So I contritely bundled the rig up and sent it off to Dick at OHR with my check for \$30. This was on Wednesday the 15th. The friendly USPS clerk at my Rochelle Park, NJ post office told me that I could expect the rig to arrive in Big Rapids, MI on Saturday (the 18th) at the earliest.

Yesterday, the 23rd, I was home with some weird 24-hour virus. I was just getting around to thinking about calling Dick to ask him if he did indeed receive the rig and when I should start looking for it. That was when I heard something or someone rattling around my screen door. I wobbled over and opened my front door and, lo and behold, a box fell onto my feet. It was my rig! I literally jumped for joy. I was astonished at how quickly the job had been done. Then, with some trepidation, I opened the box. Surely he had sent it back with a "sorry but your rig is beyond repair" letter. But, no, the invoice indicated that both Q1 and L5 had been fried. Both were replaced, the rig had been aligned, and tested as OK.

I immediately took it out to my garage/shack. Whereas I had been having major problems getting a match to the rig with my 40-meter full-wave loop and MFJ tuner (because of the huge spurs), it now loaded up easily. Within about two minutes, I came across J7HA calling CQ at 10.108. Nabbed him on the second call with about 2.5 W out. Not only was my first contact with my Explorer a DX contact, it was a new one for me!

All this longwindedness is intended to serve as notice that customer service, while mortally wounded in many quarters, is indeed alive and well at OHR. This is indeed a first-class operation.

73 David N2SMH
Glen Rock, NJ

From owner-qrp-l@netcom.com Fri Feb 24 17:27:56 1995
From: K7YHA@aol.com
Date: Thu, 23 Feb 1995 21:40:26 -0500
Message-Id: <950223214024_30654712@aol.com>
Subject: Ten-Tec Century-22

What! Nobody wants a mint condition Century-22?!?!?

Come on, guys, I need a Nikon fix.....gotta get a new body and a couple of new lenses.....need some dough!

How 'bout we drop the price to \$350 and :YOU ship? Any takers?

Call me: (717) 825-5395

Remember: this rig is in excellent shape, with the 5 amp supply and keyer and calibrator. Factory manual included.

72 rich

From owner-qrp-1@netcom.com Fri Feb 24 18:02:59 1995
Date: Wed, 22 Feb 1995 07:27:54 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: Vacuum Tube sources (fwd)
Message-Id: <Pine.3.89.9502220738.A545286928-0100000@utkvx.utk.edu>

Saw this on the HAM-TECH list and thought that those considering one-tube qrp rigs might find it useful.

-73- LB, W4RNL

----- Forwarded message -----

Date: Tue, 21 Feb 1995 15:01:29 -0500 (EST)
>From: John Wendler <wendler@tomcat.rd.ray.com>
To: HAM-TECH@netcom.com
Subject: Re: Vacuum Tube sources

I would like to submit the following list of potential vacuum tube sources from my Rolodex. I have experience with a few, but nowhere near all. One old TV guy also suggested using the Sam's Index as a reference for sources, though I have never seen one of these.

Good Luck,
John

Antique Electronic Supply
6221 S. Maple Av.
Tempe, AZ 85283
602-820-5411

Behind The Times
PO Box 8683
Chattanooga, TN
615-899-1058

Data Mountain Industries
47 Hazel Dr.
Mt Lebanon, PA 15228
412-344-0956

Fair Radio Sales
1016 E. Eureka St.
PO Box 1105
Lima, OH 45802
419-227-6573
419-223-2196

GTE Electronics
New York, NY
800-874-1765

Linear Electronics
109 Hammond St.
Waltham, MA
617-894-7300

Steinmetz Electronics
7519 Maplewood Av.
Hammond, IA
219-931-9316

Tritronics
301-676-7300
800-638-3328 (orders)

TV Supply
Medford, MA
617-395-9440
800-762-0880